

# ALMANAC LXXXI CONJUNCTIONS BETWEEN VENUS AND URANUS IN BCE

The almanac LXXXI contains a list of conjunctions between Venus and Uranus in the 1st millennium BCE.

## 1ST MILLENNIUM BCE

This is a list of conjunctions between Venus and Uranus in the

## 1st millennium BCE.

DATE	TIME	ARC	VENUS	URANUS
JAN 19, -599	09:31 AM	000	04AQ02	04AQ02
MAR 10, -598	00:55 AM	000	10AQ32	10AQ32
DEC 27, -598	08:34 PM	000	10AQ21	10AQ21
FEB 14, -596	03:47 AM	000	16AQ41	16AQ41
APR 01, -595	10:43 AM	000	22AQ56	22AQ56
JAN 19, -594	07:27 PM	000	22AQ47	22AQ47
MAR 10, -593	10:38 PM	000	29AQ18	29AQ18
JAN 20, -592	06:18 PM	000	00PI20	00PI20
FEB 02, -592	03:36 PM	000	00PI59R	00PI59
APR 17, -592	08:59 AM	000	05PI00	05PI00
FEB 13, -591	01:25 AM	000	05PI21	05PI21
APR 04, -590	12:03 PM	000	11PI55	11PI55
JAN 23, -589	03:22 PM	000	11PI52	11PI52
MAR 09, -588	10:28 PM	000	18PI04	18PI04
APR 28, -587	08:23 AM	000	24PI33	24PI33
FEB 14, -586	08:31 AM	000	24PI23	24PI23
APR 05, -585	03:21 AM	000	00AR57	00AR57
MAY 19, -584	10:13 PM	000	07AR12	07AR12
MAR 10, -583	11:21 AM	000	07AR14	07AR14
APR 30, -582	09:38 AM	000	13AR59	13AR59
FEB 23, -581	08:25 PM	000	14AR20	14AR20
APR 04, -580	02:30 PM	000	20AR22	20AR22
MAY 25, -579	09:25 AM	000	27AR10	27AR10
MAR 13, -578	06:33 PM	000	27AR07	27AR07
MAY 01, -577	07:05 AM	000	03TA46	03TA46
JUN 18, -576	10:32 AM	000	10TA31	10TA31

APR 06, -575	09:46 AM	000	10TA28	10TA28
MAY 27, -574	07:05 AM	000	17TA28	17TA28
JUL 10, -573	00:15 AM	000	23TA56	23TA56
MAY 01, -572	06:34 PM	000	24TA15	24TA15
JUN 22, -571	07:44 AM	000	01GE27	01GE27
APR 14, -570	02:51 AM	000	01GE43	01GE43
MAY 28, -569	11:05 PM	000	08GE24	08GE24
JUL 17, -568	10:31 PM	000	15GE38	15GE38
MAY 05, -567	05:40 PM	000	15GE40	15GE40
JUN 24, -566	01:26 PM	000	22GE51	22GE51
AUG 12, -565	04:25 AM	000	29GE57	29GE57
MAY 30, -564	07:09 PM	000	00CA05	00CA05
JUL 21, -563	06:43 AM	000	07CA33	07CA33
JUN 04, -562	11:44 PM	000	09CA10	09CA10
JUN 11, -562	04:44 PM	000	09CA32R	09CA32
AUG 30, -562	02:31 PM	000	14CA12	14CA12
JUN 27, -561	02:37 AM	000	14CA51	14CA51
AUG 16, -560	07:20 PM	000	22CA27	22CA27
JUN 07, -559	05:43 AM	000	22CA44	22CA44
JUL 23, -558	11:06 PM	000	29CA53	29CA53
SEP 12, -557	02:07 PM	000	07LE25	07LE25
JUN 30, -556	03:04 PM	000	07LE32	07LE32
AUG 19, -555	10:24 PM	000	15LE02	15LE02
OCT 06, -554	05:13 AM	000	22LE16	22LE16
JUL 27, -553	07:29 AM	000	22LE31	22LE31
SEP 15, -552	04:22 PM	000	00VI10	00VI10
JUL 16, -551	08:19 AM	000	00VI58	00VI58
SEP 16, -551	04:21 PM	000	04VI41R	04VI41
OCT 16, -551	08:14 AM	000	06VI24	06VI24
AUG 22, -550	05:53 PM	000	07VI33	07VI33

OCT 12, -549	08:27 PM	000	15VI10	15VI10
AUG 01, -548	05:27 PM	000	15VI21	15VI21
SEP 18, -547	08:38 AM	000	22VI34	22VI34
NOV 06, -546	06:26 PM	000	29VI56	29VI56
AUG 26, -545	02:48 PM	000	00LI00	00LI00
OCT 14, -544	07:25 PM	000	07LI25	07LI25
NOV 28, -543	03:00 AM	000	14LI17	14LI17
SEP 21, -542	00:38 AM	000	14LI36	14LI36
NOV 10, -541	06:39 PM	000	21LI59	21LI59
SEP 04, -540	11:43 AM	000	22LI23	22LI23
OCT 16, -539	07:43 PM	000	28LI58	28LI58
DEC 05, -538	08:13 PM	000	06SC10	06SC10
SEP 25, -537	06:48 AM	000	06SC09	06SC09
NOV 11, -536	01:50 PM	000	13SC05	13SC05
DEC 29, -535	00:45 AM	000	19SC54	19SC54
OCT 19, -534	01:08 AM	000	19SC54	19SC54
DEC 08, -533	01:10 AM	000	26SC54	26SC54
JAN 14, -531	03:43 AM	000	03SA00	03SA00
NOV 12, -531	08:08 PM	000	03SA29	03SA29
JAN 01, -529	11:11 PM	000	10SA25	10SA25
OCT 24, -529	09:11 AM	000	10SA27	10SA27
DEC 07, -528	09:36 PM	000	16SA52	16SA52
JAN 25, -526	06:24 PM	000	23SA33	23SA33
NOV 14, -526	08:47 PM	000	23SA23	23SA23
JAN 02, -524	09:36 PM	000	00CP01	00CP01
FEB 15, -523	04:54 PM	000	06CP15	06CP15
DEC 08, -523	01:52 PM	000	06CP16	06CP16
JAN 27, -521	03:02 PM	000	12CP55	12CP55
NOV 23, -521	07:31 PM	000	13CP12	13CP12
JAN 02, -519	00:57 AM	000	19CP04	19CP04

FEB 20, -518	06:18 PM	000	25CP38	25CP38
DEC 11, -518	01:48 AM	000	25CP28	25CP28
JAN 27, -516	06:55 PM	000	01AQ48	01AQ48
MAR 15, -515	11:45 AM	000	08AQ07	08AQ07
JAN 02, -514	04:39 PM	000	07AQ57	07AQ57
FEB 21, -513	01:03 PM	000	14AQ27	14AQ27
APR 02, -512	02:52 AM	000	20AQ15	20AQ15
JAN 26, -511	05:40 PM	000	20AQ29	20AQ29
MAR 18, -510	01:05 AM	000	27AQ01	27AQ01
JAN 07, -509	03:40 AM	000	27AQ00	27AQ00
FEB 21, -508	09:31 AM	000	03PI05	03PI05
APR 10, -507	08:25 PM	000	09PI32	09PI32
JAN 28, -506	01:06 AM	000	09PI21	09PI21
MAR 18, -505	08:49 AM	000	15PI48	15PI48
MAY 02, -504	03:47 PM	000	22PI01	22PI01
FEB 20, -503	06:07 PM	000	21PI59	21PI59
APR 12, -502	10:00 AM	000	28PI37	28PI37
FEB 08, -501	04:52 AM	000	29PI03	29PI03
APR 12, -501	10:10 PM	000	02AR28R	02AR28
MAY 12, -501	07:11 AM	000	04AR00	04AR00
MAR 17, -500	01:18 PM	000	04AR51	04AR51
MAY 07, -499	05:01 AM	000	11AR32	11AR32
FEB 24, -498	00:24 AM	000	11AR28	11AR28
APR 12, -497	09:53 PM	000	17AR56	17AR56
MAY 31, -496	02:38 AM	000	24AR33	24AR33
MAR 19, -495	00:35 AM	000	24AR26	24AR26
MAY 08, -494	01:36 PM	000	01TA15	01TA15
JUN 21, -493	10:52 PM	000	07TA36	07TA36
APR 12, -492	10:21 PM	000	07TA49	07TA49
JUN 03, -491	06:51 AM	000	14TA50	14TA50

MAR 26, -490	08:16 PM	000	15TA06	15TA06
MAY 09, -489	06:09 PM	000	21TA34	21TA34
JUN 28, -488	04:22 PM	000	28TA39	28TA39
APR 16, -487	01:34 PM	000	28TA39	28TA39
JUN 05, -486	01:29 AM	000	05GE39	05GE39
JUL 23, -485	08:44 PM	000	12GE37	12GE37
MAY 11, -484	04:56 AM	000	12GE41	12GE41
JUL 01, -483	01:13 PM	000	19GE59	19GE59
AUG 12, -482	02:19 AM	000	26GE34	26GE34
JUN 07, -481	05:22 AM	000	27GE06	27GE06
JUL 27, -480	10:16 PM	000	04CA34	04CA34
MAY 18, -479	01:52 PM	000	04CA50	04CA50
JUL 03, -478	09:46 PM	000	11CA51	11CA51
AUG 23, -477	05:18 PM	000	19CA19	19CA19
JUN 10, -476	02:01 PM	000	19CA24	19CA24
JUL 30, -475	08:30 PM	000	26CA51	26CA51
SEP 16, -474	04:35 PM	000	04LE06	04LE06
JUL 07, -473	04:56 AM	000	04LE19	04LE19
AUG 26, -472	05:12 PM	000	11LE58	11LE58
JUN 28, -471	10:20 AM	000	12LE54	12LE54
AUG 15, -471	09:32 PM	000	15LE45R	15LE45
OCT 01, -471	01:28 AM	000	18LE27	18LE27
AUG 02, -470	05:19 PM	000	19LE24	19LE24
SEP 23, -469	02:42 AM	000	27LE03	27LE03
JUL 13, -468	01:30 AM	000	27LE16	27LE16
AUG 29, -467	12:21 PM	000	04VI31	04VI31
OCT 18, -466	10:07 AM	000	11VI59	11VI59
AUG 06, -465	10:17 PM	000	12VI05	12VI05
SEP 25, -464	05:37 AM	000	19VI35	19VI35
NOV 09, -463	05:57 PM	000	26VI38	26VI38

SEP 01, -462	01:13 PM	000	26VI56	26VI56
OCT 22, -461	01:40 PM	000	04LI28	04LI28
AUG 17, -460	01:59 PM	000	05LI00	05LI00
SEP 27, -459	04:02 PM	000	11LI40	11LI40
NOV 17, -458	02:26 AM	000	19LI03	19LI03
SEP 06, -457	03:52 PM	000	19LI06	19LI06
OCT 23, -456	06:33 PM	000	26LI10	26LI10
DEC 10, -455	10:52 PM	000	03SC12	03SC12
SEP 30, -454	12:37 PM	000	03SC13	03SC13
NOV 19, -453	02:13 PM	000	10SC23	10SC23
DEC 29, -452	08:20 AM	000	16SC47	16SC47
OCT 25, -451	12:57 PM	000	17SC11	17SC11
DEC 14, -450	08:54 PM	000	24SC17	24SC17
OCT 07, -449	05:26 AM	000	24SC27	24SC27
NOV 19, -448	08:42 PM	000	00SA57	00SA57
JAN 08, -446	03:07 AM	000	07SA49	07SA49
OCT 28, -446	07:51 AM	000	07SA42	07SA42
DEC 16, -445	02:58 AM	000	14SA27	14SA27
JAN 29, -443	10:08 PM	000	20SA53	20SA53
NOV 21, -443	01:29 AM	000	20SA52	20SA52
JAN 10, -441	01:41 AM	000	27SA38	27SA38
NOV 09, -441	08:40 AM	000	28SA05	28SA05
JAN 17, -440	12:30 PM	000	01CP54R	01CP54
FEB 03, -440	06:32 PM	000	02CP50	02CP50
DEC 15, -440	02:01 PM	000	03CP53	03CP53
FEB 03, -438	09:54 AM	000	10CP33	10CP33
NOV 24, -438	07:24 AM	000	10CP26	10CP26
JAN 10, -436	08:55 AM	000	16CP47	16CP47
FEB 26, -435	11:12 AM	000	23CP12	23CP12
DEC 16, -435	02:07 PM	000	23CP01	23CP01

FEB 04, -433	04:01 AM	000	29CP33	29CP33
MAR 17, -432	10:15 AM	000	05AQ30	05AQ30
JAN 09, -431	11:59 AM	000	05AQ39	05AQ39
FEB 28, -430	04:50 PM	000	12AQ12	12AQ12
DEC 22, -430	01:44 AM	000	12AQ15	12AQ15
FEB 04, -428	00:50 AM	000	18AQ15	18AQ15
MAR 24, -427	01:13 PM	000	24AQ42	24AQ42
JAN 11, -426	00:40 AM	000	24AQ30	24AQ30
FEB 28, -425	08:12 PM	000	00PI52	00PI52
APR 15, -424	02:29 PM	000	07PI04	07PI04
FEB 03, -423	07:53 AM	000	06PI58	06PI58
MAR 25, -422	05:00 PM	000	13PI32	13PI32
JAN 25, -421	07:14 AM	000	14PI06	14PI06
MAR 10, -421	03:57 PM	000	16PI26R	16PI26
APR 29, -421	05:46 PM	000	19PI06	19PI06
FEB 28, -420	07:52 PM	000	19PI39	19PI39
APR 19, -419	08:24 AM	000	26PI15	26PI15
FEB 06, -418	05:52 PM	000	26PI11	26PI11
MAR 25, -417	09:43 PM	000	02AR30	02AR30
MAY 13, -416	03:55 AM	000	09AR02	09AR02
MAR 01, -415	02:39 AM	000	08AR53	08AR53
APR 20, -414	06:21 AM	000	15AR32	15AR32
JUN 04, -413	06:39 AM	000	21AR48	21AR48
MAR 25, -412	01:30 PM	000	21AR55	21AR55
MAY 15, -411	04:14 PM	000	28AR45	28AR45
MAR 09, -410	07:43 AM	000	29AR02	29AR02
APR 20, -409	11:42 PM	000	05TA16	05TA16
JUN 09, -408	07:31 PM	000	12TA11	12TA11
MAR 28, -407	09:23 PM	000	12TA09	12TA09
MAY 16, -406	10:59 PM	000	18TA57	18TA57



JUL 04, -405	09:09 PM	000	25TA47	25TA47
APR 22, -404	00:59 AM	000	25TA48	25TA48
JUN 12, -403	04:04 AM	000	02GE55	02GE55
JUL 24, -402	04:57 PM	000	09GE25	09GE25
MAY 18, -401	04:50 PM	000	09GE50	09GE50
JUL 08, -400	07:45 AM	000	17GE08	17GE08
APR 29, -399	07:53 AM	000	17GE23	17GE23
JUN 14, -398	02:24 AM	000	24GE13	24GE13
AUG 03, -397	11:38 PM	000	01CA32	01CA32
MAY 21, -396	05:50 PM	000	01CA36	01CA36
JUL 10, -395	08:46 PM	000	08CA54	08CA54
AUG 28, -394	01:52 AM	000	16CA04	16CA04
JUN 17, -393	03:12 AM	000	16CA15	16CA15
AUG 06, -392	04:24 PM	000	23CA49	23CA49
JUN 11, -391	02:23 AM	000	24CA54	24CA54
JUL 16, -391	07:30 PM	000	26CA57R	26CA57
SEP 13, -391	03:43 PM	000	00LE24	00LE24
JUL 13, -390	02:12 PM	000	01LE12	01LE12
SEP 03, -389	04:12 AM	000	08LE50	08LE50
JUN 23, -388	05:07 AM	000	09LE04	09LE04
AUG 09, -387	10:41 AM	000	16LE17	16LE17
SEP 28, -386	05:46 PM	000	23LE47	23LE47
JUL 17, -385	10:33 PM	000	23LE53	23LE53
SEP 05, -384	07:43 AM	000	01VI24	01VI24
OCT 21, -383	06:20 PM	000	08VI34	08VI34
AUG 12, -382	03:56 PM	000	08VI51	08VI51
OCT 02, -381	10:06 PM	000	16VI28	16VI28
JUL 30, -380	06:45 AM	000	17VI08	17VI08
SEP 08, -379	00:35 AM	000	23VI49	23VI49
OCT 28, -378	08:20 PM	000	01LI21	01LI21

AUG 18, -377	11:55 AM	000	01LI29	01LI29
OCT 04, -376	11:06 AM	000	08LI40	08LI40
NOV 22, -375	07:15 AM	000	15LI54	15LI54
SEP 11, -374	11:15 AM	000	15LI57	15LI57
OCT 31, -373	03:22 PM	000	23LI15	23LI15
DEC 12, -372	08:03 AM	000	29LI55	29LI55
OCT 06, -371	05:25 PM	000	00SC16	00SC16
NOV 26, -370	07:01 AM	000	07SC32	07SC32
SEP 19, -369	03:39 PM	000	07SC48	07SC48
NOV 01, -368	07:52 AM	000	14SC23	14SC23
DEC 20, -367	11:56 PM	000	21SC26	21SC26
OCT 10, -366	07:06 AM	000	21SC23	21SC23
NOV 27, -365	09:23 PM	000	28SC15	28SC15
JAN 12, -363	01:43 PM	000	04SA55	04SA55
NOV 03, -363	02:58 AM	000	04SA55	04SA55
DEC 23, -362	03:29 AM	000	11SA50	11SA50
OCT 27, -361	07:20 AM	000	12SA35	12SA35
DEC 09, -361	02:42 AM	000	14SA57R	14SA57
JAN 25, -360	11:10 PM	000	17SA37	17SA37
NOV 27, -360	07:25 PM	000	18SA16	18SA16
JAN 16, -358	06:51 PM	000	25SA04	25SA04
NOV 07, -358	08:56 AM	000	25SA02	25SA02
DEC 23, -357	05:35 PM	000	01CP25	01CP25
FEB 09, -355	05:10 AM	000	07CP58	07CP58
NOV 29, -355	07:30 AM	000	07CP48	07CP48
JAN 17, -353	03:07 PM	000	14CP24	14CP24
MAR 01, -352	05:55 AM	000	20CP30	20CP30
DEC 23, -352	03:36 AM	000	20CP35	20CP35
FEB 11, -350	06:35 AM	000	27CP12	27CP12
DEC 06, -350	06:48 AM	000	27CP21	27CP21

JAN 17, -348	03:49 PM	000	03AQ18	03AQ18
MAR 07, -347	06:19 AM	000	09AQ48	09AQ48
DEC 25, -347	02:59 AM	000	09AQ37	09AQ37
FEB 11, -345	09:45 AM	000	15AQ57	15AQ57
MAR 29, -344	02:52 PM	000	22AQ11	22AQ11
JAN 17, -343	01:43 AM	000	22AQ03	22AQ03
MAR 08, -342	04:04 AM	000	28AQ34	28AQ34
JAN 16, -341	04:12 PM	000	29AQ32	29AQ32
FEB 02, -341	02:29 AM	000	00PI23R	00PI23
APR 15, -341	07:17 AM	000	04PI15	04PI15
FEB 11, -340	07:24 AM	000	04PI37	04PI37
APR 01, -339	04:49 PM	000	11PI11	11PI11
JAN 20, -338	08:33 PM	000	11PI08	11PI08
MAR 08, -337	03:48 AM	000	17PI21	17PI21
APR 25, -336	11:39 AM	000	23PI49	23PI49
FEB 11, -335	01:15 PM	000	23PI39	23PI39
APR 02, -334	06:59 AM	000	00AR11	00AR11
MAY 17, -333	09:34 PM	000	06AR23	06AR23
MAR 07, -332	02:22 PM	000	06AR25	06AR25
APR 27, -331	10:59 AM	000	13AR08	13AR08
FEB 20, -330	04:07 PM	000	13AR26	13AR26
APR 02, -329	03:33 PM	000	19AR27	19AR27
MAY 22, -328	08:19 AM	000	26AR13	26AR13
MAR 10, -327	05:22 PM	000	26AR09	26AR09
APR 28, -326	06:13 AM	000	02TA46	02TA46
JUN 16, -325	06:29 AM	000	09TA28	09TA28
APR 03, -324	07:39 AM	000	09TA25	09TA25
MAY 24, -323	03:59 AM	000	16TA22	16TA22
JUL 06, -322	01:12 PM	000	22TA46	22TA46
APR 29, -321	02:10 PM	000	23TA05	23TA05

JUN 19, -320	01:39 AM	000	00GE13	00GE13
APR 10, -319	03:01 PM	000	00GE27	00GE27
MAY 25, -318	03:57 PM	000	07GE05	07GE05
JUL 15, -317	01:03 PM	000	14GE15	14GE15
MAY 02, -316	07:02 AM	000	14GE16	14GE16
JUN 21, -315	03:52 AM	000	21GE24	21GE24
AUG 08, -314	03:01 PM	000	28GE27	28GE27
MAY 28, -313	07:38 AM	000	28GE34	28GE34
JUL 17, -312	07:21 PM	000	05CA59	05CA59
MAY 26, -311	11:36 PM	000	07CA17	07CA17
JUN 15, -311	08:05 PM	000	08CA24R	08CA24
AUG 26, -311	01:16 PM	000	12CA34	12CA34
JUN 23, -310	02:03 PM	000	13CA14	13CA14
AUG 14, -309	06:20 AM	000	20CA47	20CA47
JUN 03, -308	10:50 AM	000	21CA03	21CA03
JUL 20, -307	09:19 AM	000	28CA10	28CA10
SEP 08, -306	11:10 PM	000	05LE39	05LE39
JUN 27, -305	10:06 PM	000	05LE45	05LE45
AUG 16, -304	07:40 AM	000	13LE14	13LE14
OCT 02, -303	11:21 AM	000	20LE26	20LE26
JUL 23, -302	03:10 PM	000	20LE41	20LE41
SEP 13, -301	01:39 AM	000	28LE20	28LE20
JUL 11, -300	09:36 PM	000	29LE06	29LE06
SEP 17, -300	05:14 AM	000	03VI07R	03VI07
OCT 10, -300	07:57 PM	000	04VI28	04VI28
AUG 19, -299	02:47 AM	000	05VI44	05VI44
OCT 09, -298	06:34 AM	000	13VI21	13VI21
JUL 29, -297	11:22 PM	000	13VI33	13VI33
SEP 14, -296	07:14 PM	000	20VI47	20VI47
NOV 03, -295	05:24 AM	000	28VI10	28VI10

AUG 23, -294	00:23 AM	000	28VI15	28VI15
OCT 12, -293	07:38 AM	000	05LI41	05LI41
NOV 24, -292	12:49 PM	000	12LI34	12LI34
SEP 17, -291	12:32 PM	000	12LI53	12LI53
NOV 07, -290	08:27 AM	000	20LI19	20LI19
SEP 01, -289	07:08 PM	000	20LI42	20LI42
OCT 13, -288	10:08 AM	000	27LI21	27LI21
DEC 02, -287	12:00 PM	000	04SC36	04SC36
SEP 21, -286	09:11 PM	000	04SC37	04SC37
NOV 09, -285	07:05 AM	000	11SC36	11SC36
DEC 25, -284	06:28 PM	000	18SC29	18SC29
OCT 15, -283	07:21 PM	000	18SC30	18SC30
DEC 04, -282	09:10 PM	000	25SC35	25SC35
JAN 11, -280	06:59 PM	000	01SA43	01SA43
NOV 09, -280	05:08 PM	000	02SA14	02SA14
DEC 29, -279	09:08 PM	000	09SA12	09SA12
OCT 21, -278	06:13 AM	000	09SA15	09SA15
DEC 05, -277	08:32 PM	000	15SA43	15SA43
JAN 22, -275	05:38 PM	000	22SA26	22SA26
NOV 11, -275	08:36 PM	000	22SA17	22SA17
DEC 30, -274	10:22 PM	000	28SA57	28SA57
FEB 13, -272	04:39 PM	000	05CP14	05CP14
DEC 05, -272	03:54 PM	000	05CP16	05CP16
JAN 24, -270	05:32 PM	000	11CP58	11CP58
NOV 20, -270	09:23 PM	000	12CP15	12CP15
DEC 31, -269	04:51 AM	000	18CP10	18CP10
FEB 17, -267	10:01 PM	000	24CP46	24CP46
DEC 08, -267	06:25 AM	000	24CP37	24CP37
JAN 24, -265	11:34 PM	000	00AQ59	00AQ59
MAR 12, -264	03:09 PM	000	07AQ19	07AQ19

DEC 30, -264	09:48 PM	000	07AQ09	07AQ09
FEB 18, -262	05:40 PM	000	13AQ40	13AQ40
MAR 31, -261	02:41 AM	000	19AQ29	19AQ29
JAN 24, -260	10:54 PM	000	19AQ43	19AQ43
MAR 15, -259	05:25 AM	000	26AQ15	26AQ15
JAN 04, -258	08:19 AM	000	26AQ14	26AQ14
FEB 18, -257	02:44 PM	000	02PI20	02PI20
APR 08, -256	00:12 AM	000	08PI47	08PI47
JAN 25, -255	06:37 AM	000	08PI36	08PI36
MAR 15, -254	01:38 PM	000	15PI03	15PI03
APR 30, -253	05:32 PM	000	21PI15	21PI15
FEB 18, -252	10:54 PM	000	21PI13	21PI13
APR 09, -251	01:21 PM	000	27PI50	27PI50
FEB 05, -250	02:06 AM	000	28PI13	28PI13
APR 12, -250	08:47 AM	000	01AR47R	01AR47
MAY 08, -250	05:04 AM	000	03AR08	03AR08
MAR 15, -249	04:30 PM	000	04AR01	04AR01
MAY 04, -248	06:15 AM	000	10AR41	10AR41
FEB 21, -247	01:41 AM	000	10AR36	10AR36
APR 09, -246	11:20 PM	000	17AR03	17AR03
MAY 29, -245	01:19 AM	000	23AR38	23AR38
MAR 16, -244	01:13 AM	000	23AR31	23AR31
MAY 05, -243	01:27 PM	000	00TA18	00TA18
JUN 18, -242	04:40 PM	000	06TA37	06TA37
APR 10, -241	09:45 PM	000	06TA50	06TA50
MAY 31, -240	04:44 AM	000	13TA48	13TA48
MAR 23, -239	01:13 PM	000	14TA03	14TA03
MAY 06, -238	03:23 PM	000	20TA29	20TA29
JUN 26, -237	11:17 AM	000	27TA30	27TA30
APR 13, -236	07:42 AM	000	27TA29	27TA29

JUN 01, -235	08:09 PM	000	04GE25	04GE25
JUL 20, -234	11:39 AM	000	11GE20	11GE20
MAY 08, -233	09:38 PM	000	11GE23	11GE23
JUN 28, -232	05:36 AM	000	18GE38	18GE38
AUG 08, -231	07:27 AM	000	25GE09	25GE09
JUN 03, -230	08:41 PM	000	25GE42	25GE42
JUL 25, -229	12:50 PM	000	03CA07	03CA07
MAY 14, -228	11:10 PM	000	03CA22	03CA22
JUN 30, -227	11:47 AM	000	10CA22	10CA22
AUG 20, -226	05:48 AM	000	17CA46	17CA46
JUN 08, -225	00:51 AM	000	17CA51	17CA51
JUL 27, -224	08:59 AM	000	25CA16	25CA16
SEP 13, -223	01:35 AM	000	02LE27	02LE27
JUL 03, -222	03:11 PM	000	02LE40	02LE40
AUG 24, -221	04:14 AM	000	10LE16	10LE16
JUN 23, -220	06:52 PM	000	11LE08	11LE08
AUG 15, -220	08:20 PM	000	14LE15R	14LE15
SEP 26, -220	11:56 AM	000	16LE40	16LE40
JUL 30, -219	03:07 AM	000	17LE39	17LE39
SEP 19, -218	01:02 PM	000	25LE17	25LE17
JUL 10, -217	06:53 AM	000	25LE29	25LE29
AUG 25, -216	10:34 PM	000	02VI44	02VI44
OCT 14, -215	08:16 PM	000	10VI12	10VI12
AUG 03, -214	06:45 AM	000	10VI18	10VI18
SEP 22, -213	04:43 PM	000	17VI49	17VI49
NOV 06, -212	02:34 AM	000	24VI52	24VI52
AUG 28, -211	11:24 PM	000	25VI10	25VI10
OCT 19, -210	01:36 AM	000	02LI43	02LI43
AUG 14, -209	04:02 PM	000	03LI14	03LI14
SEP 24, -208	03:33 AM	000	09LI56	09LI56

NOV 13, -207	03:06 PM	000	17LI20	17LI20
SEP 03, -206	01:44 AM	000	17LI24	17LI24
OCT 21, -205	07:47 AM	000	24LI30	24LI30
DEC 07, -204	12:25 PM	000	01SC34	01SC34
SEP 27, -203	01:49 AM	000	01SC36	01SC36
NOV 16, -202	05:38 AM	000	08SC49	08SC49
DEC 26, -201	07:45 PM	000	15SC15	15SC15
OCT 22, -200	05:04 AM	000	15SC41	15SC41
DEC 11, -199	02:29 PM	000	22SC49	22SC49
OCT 03, -198	08:36 PM	000	22SC59	22SC59
NOV 17, -197	03:08 PM	000	29SC32	29SC32
JAN 04, -195	10:04 PM	000	06SA26	06SA26
OCT 25, -195	02:29 AM	000	06SA20	06SA20
DEC 12, -194	11:01 PM	000	13SA07	13SA07
JAN 27, -192	05:16 PM	000	19SA36	19SA36
NOV 17, -192	10:23 PM	000	19SA36	19SA36
JAN 06, -190	11:23 PM	000	26SA25	26SA25
NOV 06, -190	02:22 AM	000	26SA53	26SA53
JAN 17, -189	01:40 PM	000	00CP55R	00CP55
JAN 29, -189	02:42 PM	000	01CP33	01CP33
DEC 13, -189	01:03 PM	000	02CP45	02CP45
JAN 31, -187	09:13 AM	000	09CP27	09CP27
NOV 21, -187	07:24 AM	000	09CP22	09CP22
JAN 07, -185	09:51 AM	000	15CP45	15CP45
FEB 24, -184	11:31 AM	000	22CP12	22CP12
DEC 13, -184	04:03 PM	000	22CP03	22CP03
FEB 01, -182	05:53 AM	000	28CP36	28CP36
MAR 15, -181	08:35 AM	000	04AQ34	04AQ34
JAN 07, -180	02:40 PM	000	04AQ42	04AQ42
FEB 25, -179	06:54 PM	000	11AQ17	11AQ17



DEC 19, -179	03:42 AM	000	11AQ20	11AQ20
FEB 01, -177	03:56 AM	000	17AQ21	17AQ21
MAR 21, -176	03:14 PM	000	23AQ49	23AQ49
JAN 08, -175	04:17 AM	000	23AQ37	23AQ37
FEB 25, -174	11:38 PM	000	00PI01	00PI01
APR 13, -173	03:40 PM	000	06PI14	06PI14
FEB 01, -172	12:08 PM	000	06PI09	06PI09
MAR 22, -171	08:23 PM	000	12PI43	12PI43
JAN 22, -170	01:59 AM	000	13PI16	13PI16
MAR 09, -170	11:07 AM	000	15PI43R	15PI43
APR 26, -170	08:23 AM	000	18PI16	18PI16
FEB 25, -169	11:37 PM	000	18PI50	18PI50
APR 16, -168	10:34 AM	000	25PI26	25PI26
FEB 03, -167	08:09 PM	000	25PI21	25PI21
MAR 23, -166	00:12 AM	000	01AR40	01AR40
MAY 11, -165	04:01 AM	000	08AR10	08AR10
FEB 27, -164	04:28 AM	000	08AR00	08AR00
APR 17, -163	07:26 AM	000	14AR38	14AR38
JUN 01, -162	02:53 AM	000	20AR52	20AR52
MAR 23, -161	02:28 PM	000	20AR59	20AR59
MAY 12, -160	03:59 PM	000	27AR49	27AR49
MAR 06, -159	03:01 AM	000	28AR04	28AR04
APR 17, -158	11:30 PM	000	04TA18	04TA18
JUN 07, -157	05:24 PM	000	11TA11	11TA11
MAR 25, -156	06:50 PM	000	11TA08	11TA08
MAY 13, -155	08:52 PM	000	17TA54	17TA54
JUL 01, -154	03:41 PM	000	24TA41	24TA41
APR 19, -153	09:08 PM	000	24TA41	24TA41
JUN 08, -152	11:38 PM	000	01GE46	01GE46
JUL 21, -151	03:12 AM	000	08GE12	08GE12

MAY 15, -150	11:20 AM	000	08GE37	08GE37
JUL 06, -149	01:16 AM	000	15GE52	15GE52
APR 25, -148	08:26 PM	000	16GE06	16GE06
JUN 10, -147	07:37 PM	000	22GE55	22GE55
JUL 31, -146	03:19 PM	000	00CA12	00CA12
MAY 19, -145	08:29 AM	000	00CA15	00CA15
JUL 07, -144	12:51 PM	000	07CA31	07CA31
AUG 24, -143	02:41 PM	000	14CA38	14CA38
JUN 13, -142	05:27 PM	000	14CA49	14CA49
AUG 04, -141	07:06 AM	000	22CA20	22CA20
JUN 06, -140	06:34 AM	000	23CA20	23CA20
JUL 16, -140	08:48 PM	000	25CA40R	25CA40
SEP 09, -140	01:33 PM	000	28CA51	28CA51
JUL 10, -139	03:32 AM	000	29CA40	29CA40
AUG 30, -138	05:35 PM	000	07LE15	07LE15
JUN 20, -137	01:23 PM	000	07LE29	07LE29
AUG 05, -136	11:36 PM	000	14LE41	14LE41
SEP 25, -135	06:18 AM	000	22LE11	22LE11
JUL 14, -134	09:23 AM	000	22LE16	22LE16
SEP 02, -133	09:03 PM	000	29LE48	29LE48
OCT 18, -132	05:22 AM	000	06VI57	06VI57
AUG 09, -131	04:20 AM	000	07VI15	07VI15
SEP 29, -130	12:12 PM	000	14VI53	14VI53
JUL 27, -129	08:42 AM	000	15VI31	15VI31
SEP 04, -128	02:08 PM	000	22VI14	22VI14
OCT 25, -127	10:58 AM	000	29VI46	29VI46
AUG 14, -126	10:51 PM	000	29VI53	29VI53
OCT 02, -125	01:34 AM	000	07LI05	07LI05
NOV 18, -124	09:59 PM	000	14LI19	14LI19
SEP 08, -123	00:50 AM	000	14LI22	14LI22

OCT 28, -122	07:14 AM	000	21LI43	21LI43
DEC 09, -121	09:14 PM	000	28LI23	28LI23
OCT 03, -120	09:23 AM	000	28LI45	28LI45
NOV 23, -119	00:41 AM	000	06SC04	06SC04
SEP 16, -118	05:31 AM	000	06SC21	06SC21
OCT 30, -117	02:12 AM	000	12SC59	12SC59
DEC 17, -116	07:15 PM	000	20SC04	20SC04
OCT 07, -115	01:27 AM	000	20SC02	20SC02
NOV 24, -114	05:30 PM	000	26SC57	26SC57
JAN 10, -112	09:29 AM	000	03SA38	03SA38
OCT 30, -112	11:18 PM	000	03SA39	03SA39
DEC 20, -111	00:46 AM	000	10SA36	10SA36
OCT 23, -110	07:07 PM	000	11SA20	11SA20
DEC 07, -110	02:59 PM	000	13SA49R	13SA49
JAN 22, -109	10:27 AM	000	16SA23	16SA23
NOV 25, -109	05:24 PM	000	17SA04	17SA04
JAN 13, -107	05:19 PM	000	23SA54	23SA54
NOV 04, -107	07:15 AM	000	23SA53	23SA53
DEC 20, -106	05:16 PM	000	00CP19	00CP19
FEB 07, -104	04:40 AM	000	06CP54	06CP54
NOV 26, -104	08:18 AM	000	06CP45	06CP45
JAN 14, -102	04:19 PM	000	13CP22	13CP22
FEB 27, -101	05:00 AM	000	19CP30	19CP30
DEC 21, -101	05:46 AM	000	19CP36	19CP36
FEB 08, -99	08:23 AM	000	26CP14	26CP14
DEC 03, -99	07:58 AM	000	26CP23	26CP23
JAN 14, -97	06:22 PM	000	02AQ22	02AQ22
MAR 04, -96	07:56 AM	000	08AQ53	08AQ53
DEC 22, -96	05:55 AM	000	08AQ42	08AQ42
FEB 08, -94	12:31 PM	000	15AQ04	15AQ04

MAR 27, -93	03:50 PM	000	21AQ19	21AQ19
JAN 15, -92	05:17 AM	000	21AQ11	21AQ11
MAR 05, -91	07:02 AM	000	27AQ43	27AQ43
JAN 12, -90	03:45 PM	000	28AQ39	28AQ39
FEB 01, -90	10:48 AM	000	29AQ40R	29AQ40
APR 12, -90	02:40 AM	000	03PI24	03PI24
FEB 08, -89	11:20 AM	000	03PI48	03PI48
MAR 29, -88	07:37 PM	000	10PI22	10PI22
JAN 17, -87	11:39 PM	000	10PI19	10PI19
MAR 05, -86	07:09 AM	000	16PI30	16PI30
APR 23, -85	12:58 PM	000	22PI58	22PI58
FEB 09, -84	04:04 PM	000	22PI47	22PI47
MAR 30, -83	09:02 AM	000	29PI18	29PI18
MAY 14, -82	07:31 PM	000	05AR29	05AR29
MAR 05, -81	04:12 PM	000	05AR31	05AR31
APR 24, -80	11:36 AM	000	12AR13	12AR13
FEB 17, -79	11:43 AM	000	12AR30	12AR30
MAR 30, -78	04:22 PM	000	18AR31	18AR31
MAY 20, -77	07:30 AM	000	25AR17	25AR17
MAR 07, -76	04:35 PM	000	25AR12	25AR12
APR 25, -75	05:56 AM	000	01TA48	01TA48
JUN 13, -74	03:19 AM	000	08TA28	08TA28
APR 01, -73	06:11 AM	000	08TA25	08TA25
MAY 21, -72	01:49 AM	000	15TA20	15TA20
JUL 03, -71	03:18 AM	000	21TA40	21TA40
APR 26, -70	11:01 AM	000	21TA59	21TA59
JUN 16, -69	09:15 PM	000	29TA04	29TA04
APR 07, -68	05:41 AM	000	29TA17	29TA17
MAY 22, -67	11:07 AM	000	05GE54	05GE54
JUL 12, -66	06:30 AM	000	13GE01	13GE01

APR 29, -65	11:48 PM	000	13GE02	13GE02
JUN 17, -64	09:52 PM	000	20GE08	20GE08
AUG 05, -63	05:53 AM	000	27GE09	27GE09
MAY 25, -62	00:24 AM	000	27GE16	27GE16
JUL 15, -61	12:22 PM	000	04CA40	04CA40
MAY 21, -60	05:32 AM	000	05CA50	05CA50
JUN 16, -60	06:51 PM	000	07CA19R	07CA19
AUG 22, -60	05:08 PM	000	11CA12	11CA12
JUN 20, -59	06:06 AM	000	11CA53	11CA53
AUG 10, -58	10:03 PM	000	19CA24	19CA24
MAY 31, -57	09:31 PM	000	19CA38	19CA38
JUL 17, -56	00:25 AM	000	26CA44	26CA44
SEP 05, -55	01:20 PM	000	04LE11	04LE11
JUN 24, -54	10:43 AM	000	04LE16	04LE16
AUG 13, -53	10:24 PM	000	11LE45	11LE45
SEP 28, -52	11:31 PM	000	18LE55	18LE55
JUL 20, -51	04:50 AM	000	19LE11	19LE11
SEP 09, -50	04:49 PM	000	26LE49	26LE49
JUL 08, -49	09:25 PM	000	27LE34	27LE34
SEP 18, -49	06:37 PM	000	01VI50R	01VI50
OCT 06, -49	08:20 AM	000	02VI50	02VI50
AUG 15, -48	05:37 PM	000	04VI14	04VI14
OCT 05, -47	10:24 PM	000	11VI51	11VI51
JUL 26, -46	11:21 AM	000	12VI02	12VI02
SEP 12, -45	11:02 AM	000	19VI18	19VI18
OCT 30, -44	09:24 PM	000	26VI41	26VI41
AUG 19, -43	02:46 PM	000	26VI45	26VI45
OCT 09, -42	00:12 AM	000	04LI12	04LI12
NOV 22, -41	03:07 AM	000	11LI05	11LI05
SEP 14, -40	04:34 AM	000	11LI26	11LI26

NOV 04, -39	02:08 AM	000	18LI53	18LI53
AUG 29, -38	07:03 AM	000	19LI16	19LI16
OCT 11, -37	04:02 AM	000	25LI58	25LI58
NOV 29, -36	07:05 AM	000	03SC14	03SC14
SEP 18, -35	02:40 PM	000	03SC15	03SC15
NOV 06, -34	02:56 AM	000	10SC17	10SC17
DEC 23, -33	02:29 PM	000	17SC11	17SC11
OCT 12, -32	03:18 PM	000	17SC13	17SC13
DEC 01, -31	06:23 PM	000	24SC19	24SC19
OCT 17, -30	09:06 PM	000	25SC45	25SC45
OCT 26, -30	07:11 AM	000	26SC13R	26SC13
JAN 08, -29	11:17 AM	000	00SA28	00SA28
NOV 07, -29	02:27 PM	000	00SA59	00SA59
DEC 26, -28	07:04 PM	000	07SA59	07SA59
OCT 18, -27	02:59 AM	000	08SA02	08SA02
DEC 02, -26	07:05 PM	000	14SA32	14SA32
JAN 20, -24	04:14 PM	000	21SA16	21SA16
NOV 08, -24	07:43 PM	000	21SA09	21SA09
DEC 27, -23	10:12 PM	000	27SA51	27SA51
FEB 10, -21	03:11 PM	000	04CP10	04CP10
DEC 03, -21	04:43 PM	000	04CP13	04CP13
JAN 21, -19	06:28 PM	000	10CP57	10CP57
NOV 17, -19	08:59 PM	000	11CP15	11CP15
DEC 28, -18	06:33 AM	000	17CP11	17CP11
FEB 15, -16	11:06 PM	000	23CP48	23CP48
DEC 05, -16	08:14 AM	000	23CP39	23CP39
JAN 22, -14	01:21 AM	000	00AQ01	00AQ01
MAR 10, -13	03:26 PM	000	06AQ21	06AQ21
DEC 29, -13	00:02 AM	000	06AQ11	06AQ11
FEB 15, -11	07:25 PM	000	12AQ43	12AQ43

MAR 27, -10	11:02 PM	000	18AQ32	18AQ32
JAN 22, -9	01:27 AM	000	18AQ47	18AQ47
MAR 12, -8	07:07 AM	000	25AQ21	25AQ21
JAN 01, -7	10:22 AM	000	25AQ20	25AQ20
FEB 15, -6	05:27 PM	000	01PI27	01PI27
APR 06, -5	01:22 AM	000	07PI54	07PI54
JAN 23, -4	09:17 AM	000	07PI43	07PI43
MAR 12, -3	03:37 PM	000	14PI10	14PI10
APR 27, -2	04:03 PM	000	20PI21	20PI21
FEB 16, -1	00:44 AM	000	20PI18	20PI18
APR 06, 0	01:54 PM	000	26PI55	26PI55